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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Pak Shing CHO et al.

Application No.: 10/084,057

Filed: February 28, 2002

For: METHOD AND SYSTEM FOR
MITIGATING NONLINEAR
TRANSMISSION IMPAIRMENTS
IN FIBER-OPTIC
COMMUNICATIONS SYSTEM

Group Art Unit: To Be Assigned

Examiner: To Be Assigned

Attorney Docket No.: 10565-013

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JUL 22 2003
Technology Center 2600

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to Applicants' duty of disclosure under 37C.F.R. §1.56, enclosed are copies of thirty three (33) references for the Examiner's review and consideration. These references are listed on the enclosed entitled "List of References Cited by Applicant."

It is respectfully requested that these references be made of record in this application by the Examiner's completion and return of the List of References.

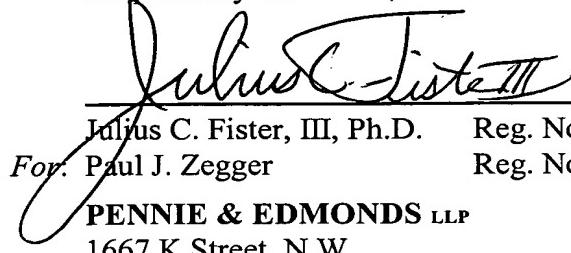
Identification of the submitted references is not to be construed as an admission of Applicants or Attorneys for Applicants that such references are available as "prior art" against the subject application. Consequently, Applicants respectfully decline to use form PTO-1449, since this form identifies all of the references therein as "Prior Art." As an alternative, Applicants submit herewith a "List of References Cited."

Applicants respectfully request that the Examiner review all of the references and make them of record in the present application by completing and returning the enclosed List of References.

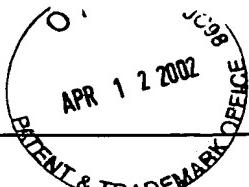
No fee is believed to be due for this submission, since this submission is being made before a first Office Action. Should any fee be required, however, please charge such fee to Pennie & Edmonds LLP Deposit Account No. 16-1150.

Date April 12, 2002

Respectfully submitted,


Julius C. Fister, III, Ph.D. Reg. No. 46,702
For: Paul J. Zegger Reg. No. 33,821
PENNIE & EDMONDS LLP
1667 K Street, N.W.
Washington, DC 20006
(202) 496-4400

Enclosure



LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>		ATTY. DOCKET NO.	APPLICATION NO.
		10565-013-999	10/084,057
		APPLICANT	
		CHO et al.	
FILING DATE	GROUP		
February 28, 2002	To be Assigned		

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA		6,317,452 B1	11/13/01	Durrant et al.	375	130	
AB		6,282,228 B1	08/28/01	Monroe	375	14	
AC		6,014,479	01/11/00	Darcie	385	24	
AD		5,963,586	10/5/99	Durrant et al.	375	208	
AE		5,953,370	09/14/99	Durrant et al.	375	208	
AF		5,946,119	8/31/99	Bergano et al.	359	124	
AG		5,881,100	03/09/99	Durrant et al.	375	208	
AH		5,856,998	01/05/99	Durrant et al.	375	208	
AI		5,832,028	11/03/98	Durrant et al.	375	208	
AJ		5,757,847	05/26/98	Durrant et al.	375	206	
AK		5,754,585	05/19/98	Durrant et al.	375	206	
AL		5,754,584	05/19/98	Durrant et al.	375	206	
AM		5,692,007	11/25/97	Durrant et al.	375	206	
AN		5,680,414	10/21/97	Durrant et al.	375	206	
AO		5,659,574	08/19/97	Durrant et al.	375	206	
AP		5,648,982	07/15/97	Durrant et al.	375	206	
AQ		5,629,956	05/13/97	Durrant et al.	375	208	
AR		5,627,856	05/06/97	Durrant et al.	375	209	
AS		5,610,940	03/11/97	Durrant et al.	375	208	
AT		4,849,990	07/18/89	Ikegami et al.	375	40	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AU	Nakazawa et al. "Ultrahigh-Speed Long-Distance TDM and WDM Soliton Transmission Technologies" <i>IEEE Journal of Selected Topics In Quantum Electronics</i> , Vol. 6, No. 2 (March/April 2000)
AV	Wooten et al. "A Review of Lithium Niobate Modulators for Fiber-Optic Communications Systems" <i>IEEE Journal of Selected Topics In Quantum Electronics</i> , Vol. 6, No. 1 (March/April 2000)
AW	B. Bakhshi, "Comparison of CRZ, RZ and NRZ Modulation formats in a 64 x 12.3 Gb/s WDM transmission experiment over 9000 km" <i>Tycom Laboratories, 250 Industrial Way West, Eatontown, NJ 07724, USA</i>

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

APR 12 2002
PATENT & TRADEMARK OFFICE

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FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)								
AX	C. Casper et al. "RZ Versus NRZ Modulation Format for Dispersion Compensated SMF-Based 10-Gb/s Transmission with More Than 100-km Amplifier Spacing" <i>IEEE Photonics Technology Letters</i> , Vol. 11, No. 4, (April 1999)							
AY	D. Le Guen, et al. "25 Ghz spacing DWDM Soliton Transmission over 2000 km of SMF with 25 dB/span" <i>Corvis Algety, Lannion, France</i> (e-mail : laurent.billes@algety.com)							
AZ	June-Koo Rhee et al. "DPSK 32 X 10 Gb/s Transmission Modeling on 5 X 90 km Terrestrial System" <i>IEEE Photonics Technology Letters</i> , Vol. 12, No. 12 (December 2000)							
BA	M. Rohde et al. "Robustness of DPSK Direct Detection Transmission Format in Standard Fibre WDM Systems" <i>Electronics Letters</i> Vol 336 No. 17 (17 th August 2000)							
BB	Hideyuki Sotobayashi et al. "Simultaneously Generated 3.24 Tbit/s (81 WDM x 40 Gbit/s) Carrier Suppressed Source" <i>Communications Research Laboratory, Independent Administrative Institution 4-2-1, Nukui-Kita, Koganei, Tokyo 184-8795, Japan</i> (soba@crl.go.jp)							
BC	Henrik Sunnerud et al. "A Comparison Between NRZ and RZ Data Formats with Respect to PMD-Induced System Degradation" <i>IEEE Photonics Technology Letters</i> , Vol. 13, No. 3, (May 2001)							
BD	Eric A. Swanson et al. "High Sensitivity Optically Preamplified Direct Detection DPSK Receiver with Active Delay-Line Stabilization" <i>IEEE Photonics Technology Letters</i> , Vol. 6, No. 2, (February 1994)							
BE	J.J. Veselka et al. "Pulse Generation for Soliton Systems Using Lithium Niobate Modulators" <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , Vol. 2, No. 2, (June 1996)							
BF	K. Yonenaga et al. "Reduction of Four-Wave Mixing Induced Penalty in Unequally Spaced WDM Transmission System by Using Optical DPSK" <i>Electronics Letters</i> Vol. 32 No. 23 (7 th November 1996)							
BG	Yanjun Zhu et al. "16-Channel 40 Gb/s Carrier-Suppressed RZ ETDM/DWDM Transmission Over 720 km NDSF Without Polarisation Channel Interleaving" <i>Nortel Networks, Harlow Laboratories, London Road, Harlow, Essex CM 17 9NA, UK</i>							
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